

Title (en)
FUEL CELL SYSTEM

Title (de)
BRENNSTOFFZELLENSYSTEM

Title (fr)
SYSTÈME DE PILE À COMBUSTIBLE

Publication
EP 2608302 B1 20150930 (EN)

Application
EP 11817911 A 20110809

Priority
• JP 2010182031 A 20100817
• JP 2011004510 W 20110809

Abstract (en)
[origin: EP2608302A1] A fuel cell system (1A) comprises a casing (2) having a suction port (31) through which air is introduced from outside into an internal space thereof; a fuel cell (4) accommodated within the casing (2) and configured to generate electric power through an electrochemical reaction between a fuel gas and an oxidizing gas; an air supply unit (6) of a diaphragm type disposed within the casing (2) and configured to take in the air introduced through the suction port (31) and supply the air to the fuel cell (4); and a heating unit (30) disposed within the casing (2) and configured to heat the air in a space from the suction port (31) to the air supply unit (6).

IPC 8 full level
H01M 8/04 (2006.01); **H01M 8/06** (2006.01); **H01M 8/24** (2006.01)

CPC (source: EP US)
H01M 8/04007 (2013.01 - EP US); **H01M 8/04156** (2013.01 - EP US); **H01M 8/04335** (2013.01 - EP US); **H01M 8/04373** (2013.01 - EP US); **H01M 8/04708** (2013.01 - EP US); **H01M 8/2475** (2013.01 - EP US); **H01M 8/04089** (2013.01 - EP US); **H01M 8/04253** (2013.01 - EP US); **H01M 8/0612** (2013.01 - EP US); **H01M 2250/10** (2013.01 - EP US); **H01M 2250/405** (2013.01 - EP US); **Y02B 90/10** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP US); **Y02P 90/40** (2015.11 - EP US)

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